STATE OF UTAH DEPARTMENT OF NATURAL RESOU								FORM 3 AMENDED REPORT										
DIVISION OF OIL, GAS AND MINING																		
APPLICATION FOR PERMIT TO DRILL								1	1. WELL NAME and NUMBER Ute Tribal 14-12-3-4W									
2. TYPE O	F WORK	DRILL NEW WEL	L REEN	TER P&	A WELL	DEEPEN	WELL [)		3. FIELD OR WILDCAT UNDESIGNATED								
4. TYPE O	F WELL		Oil Well	Coalbe	ed Methane	Well: NO					5. UNIT or COMM	IUNITIZATION	AGREEME	NT NAM	E			
6. NAME (OF OPERATOR	र	NEWFIELD P	RODUC	CTION COMP	ANY				7	7. OPERATOR PH	HONE 435 646	-4825					
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052										9	9. OPERATOR E-MAIL mcrozier@newfield.com							
	AL LEASE NU L, INDIAN, OR 1				11. MINERA FEDERAL	AL OWNERS	SHIP DIAN (📵)	STATE () FEE	1	12. SURFACE OW FEDERAL	INDIAN	STATE) FE	E 📵			
13. NAME	OF SURFACE	E OWNER (if box 12		wfield F	RMI LLC					1	14. SURFACE OV	VNER PHONE (435-823		= 'fee')				
15. ADDR	ESS OF SURF	ACE OWNER (if bo		Street	, Suite 2000), ,				1	16. SURFACE OV	WNER E-MAIL (= 'fee')				
		OR TRIBE NAME				TO COMM		RODUCTIO	N FROM	1	19. SLANT							
(if box 12	? = 'INDIAN')				YES (Submit Commingling Application) NO						VERTICAL DIRECTIONAL HORIZONTAL							
20. LOC	ATION OF WEI	LL		FC	DOTAGES Q		QT	R-QTR	SECTION		TOWNSHIP		NGE	МЕ	RIDIAN			
LOCATIO	ON AT SURFAC	CE		615 FS	L 2114 FW	L	S	ESW	12		3,0 €	4.0) W		U			
Top of U	ppermost Pro	oducing Zone		615 FS	L 2114 FW	L	s	SESW	12		3.0 S	4.0) W		U			
At Total	Depth			615 FS	SESW SESW				12	3.0 S 4			ow u		U			
21. COUNTY DUCHESNE 22. DISTANCE TO NEAREST LEASE LINE (Fact) 615							ľ	23. NUMBER OF ACRES IN DRILLING UNIT 40										
					25. DISTAN (Applied F	OF Drilling	REST WE or Comp 18		ВОО	2	26. PROPOSED D		TVD: 1100	00				
27. ELEV	ATION - GROU	JND LEVEL 5638			28. BOND	NUMBER	RLB001	100473			29. SOURCE OF I		IBER IF AF	PPLICABL	E			
				_	Ho	Casing		ement Info	ormation									
String	Hole Size	Casing Size	Length	4 (1	Weight	Grade &	-		Mud Wt.		Cement		Sacks	Yield	Weight			
Cond	17.5	14	0 - 0		37.0	H-40	ST&C		0.0		Class G		35	1.17	15.8			
Surf	12.25	9.625	0 - 100	0	36.0	J-55	LT&C		8.3	Pre	mium Lite High	n Strength	51	3.53	11.0			
											Class G		154	1.17	15.8			
I1	8.75	7	0 - 883	5	26.0	P-110	0 LT&C		9.5	Pre	mium Lite High		291	3.53	11.0			
	0.405	15	0005 44	200	44.0	D 44	0.1.70.0		44.5		50/50 Po		263	1.24	14.3			
Prod	6.125	4.5	8635 - 11	000	11.6		D LT&C		11.5		50/50 Po) Z	207	1.24	14.3			
	VE	RIFY THE FOLL	OWING ARE	ATTAC	CHED IN A	CCORDAN	ICE WIT	TH THE UT	AH OIL AND	GAS (CONSERVATIO	ON GENERAL	RULES					
⊮ w	ELL PLAT OR	MAP PREPARED BY	LICENSED SUI	RVEYO	R OR ENGIN	IEER		COM	IPLETE DRILLI	ING PL	AN							
I ✓ AF	FIDAVIT OF S	TATUS OF SURFAC	E OWNER AGRI	EEMEN	IT (IF FEE SU	JRFACE)		FORM	M 5. IF OPERAT	TOR IS	OTHER THAN TH	HE LEASE OWN	IER					
DI	RECTIONAL S	URVEY PLAN (IF D	RECTIONALLY	OR HO	ORIZONTALI	LY DRILLED)	TOPOGRAPHICAL MAP										
NAME Don Hamilton TITLE Permitting							t				PHONE 435 719-2018							
SIGNATURE DATE 07/09/2012								EMAIL starpoint@etv.net										
API NUM	BER ASSIGNE	D 43013515460000	А	PPROVAL														

Newfield Production Company Ute Tribal 14-12-3-4W SE/SW Section 12, T3S, R4W **Duchesne County, UT**

Drilling Program

1. **Formation Tops**

Uinta surface Green River 4,010' Garden Gulch member 6,950' Wasatch 9,495' TD 11,000'

Depth to Oil, Gas, Water, or Minerals 2.

(water) - TD (oil) - TD (oil) Base of moderately saline Green River Wasatch

3. **Pressure Control**

BOP Description Section

Surface 12-1/4" diverter

The BQP Interm/Prod lated equipment shall meet the minimum requirements of Onshore

Oil and Gas-Order No. 2 for equipment and testing requirements, procedures, etc.

r a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

4. **Casing**

Description	Interval		Weight	G Is	G.	Pore	MW @	Frac	Safety Factors		
	Тор	Bottom	(ppf)	Grade	Coup	Press @ Shoe	Shoe	Grad @ Shoe	Burst	Collapse	Tension
Conductor	0'	60'	37	H-40	Weld						
14	0	60									
Surface	0'	1,000'	36	J-55	LTC	8.33	8.33	12	3,520	2,020	453,000
9 5/8									6.27	6.35	12.58
Intermediate	0'	8,835'	26	P-110	LTC	9	9.5	15	9,960	6,210	693,000
7	U	0,033	20	F-110	LIC	9	9.3	13	2.39	1.78	3.02
Production	0.6251	11.000!	11.6	P-110	LTC	11	11.5		10,690	7,560	279,000
4 1/2	8,635'	11,000'							2.06	1.38	2.19

Assumptions:

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient) Intermediate casing MASP = (reservoir pressure) - (gas gradient) Production casing MASP = (reservoir pressure) - (gas gradient) All collapse calculations assume fully evacuated casing with a gas gradient All tension calculations assume air weight of casing Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

5. Cement

Job	Hole Size	Fill	Slurry Description	ft ³	OH excess	Weight (ppg)	Yield			
100	Hole Size		Sturry Description	sacks	OH excess		(ft ³ /sk)			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello	41	15%	15.8	1.17			
Conductor			Flake	35			1.17			
Surface	12 1/4	500'	Premium Lite II w/ 3% KCl + 10%	180	15%	11.0	3.53			
Lead	12 1/4	300	bentonite	51	1570	10				
Surface	12 1/4	500'	Class G w/ 2% KCl + 0.25 lbs/sk Cello	180	15%	15.8	1.17			
Tail	12 1/4	500	Flake	154		13.6	1.17			
Intermediate	8 3/4	5,950'	Premium Lite II w/ 3% KCl + 10%	1029	15%	11.0	3.53			
Lead	0 3/4	3,930	3,730	bentonite	bentonite	291	1370	1370	11.0	3.33
Intermediate	8 3/4	1,885'	50/50 Poz/Class G w/ 3% KCl-+ 2% bentonite	326	15%	14.3	1.24			
Tail	0 3/4			bentonite	263	1370	1570	14.5	1.24	
Production	6 1/8	2,365'	50/50 PowClass G w 3% KCl + 2%	256	15%	14.3	1.24			
Tail	0 1/8	2,303	2,303	bentonite	207	1370	13%	14.3	1.24	

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual center volumes for the intermediate and production casing strings will be calculated from up open to e caliper log, plus 15% excess.

6. Type and Characteristics of Proposed Circulating Medium

<u>Interval</u> <u>Description</u>

Surface - 1,000'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

1,000' - TD A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 11.5 ppg.

7. Logging, Coring, and Testing

A dual induction, gamma ray, and caliper log will be run from TD to the base of the Logging:

> surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the

cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

8. **Anticipated Abnormal Pressure or Temperature**

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) Shore C multiplied by a 0.57 psi/ft gradient.

11,000' x 0.57 psi/ft = 6292 psi

No abnormal temperature is expected. No H₂S is expected.

9. **Other Aspects**

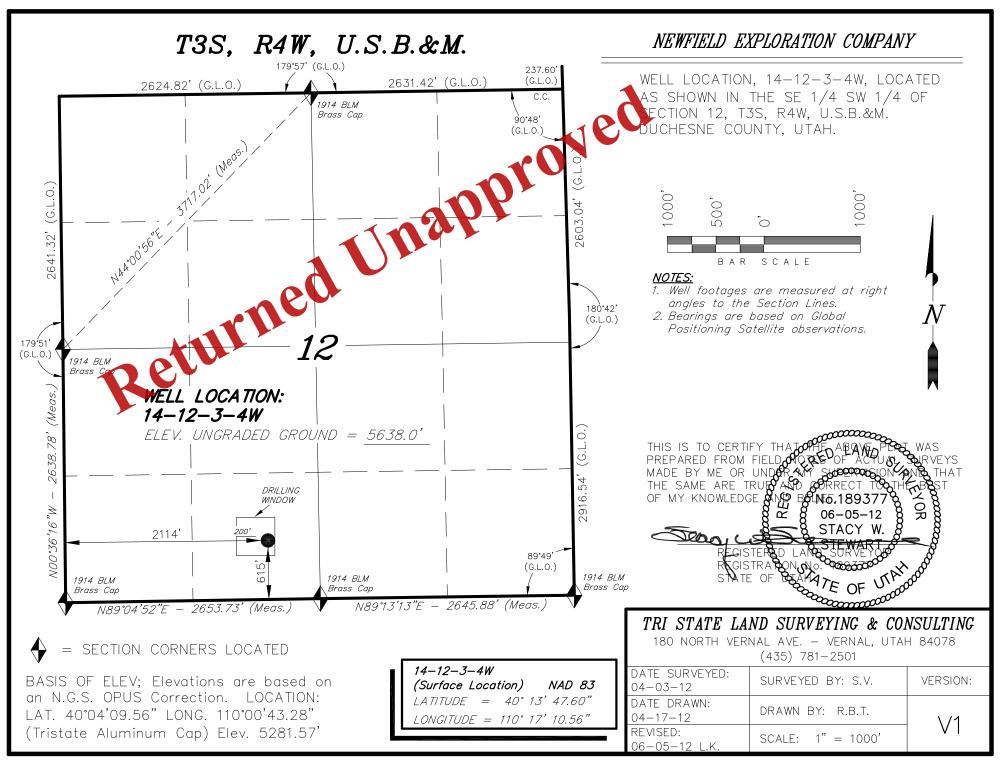
This is planned as a vertical well.

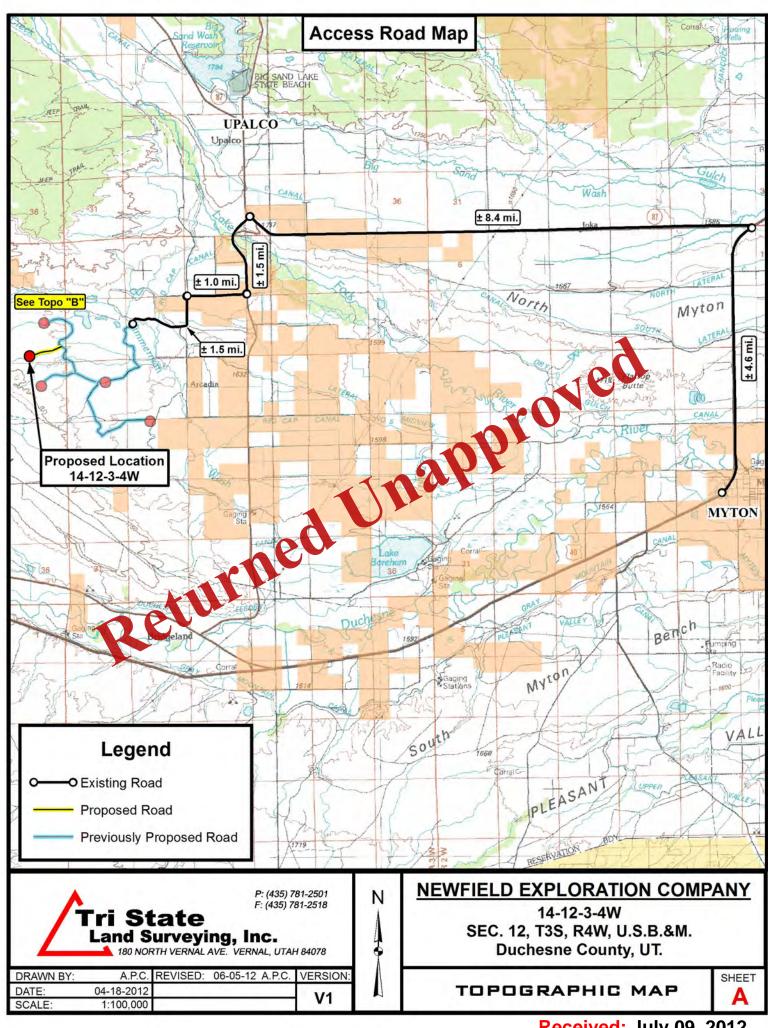
Newfield requests the following variances from Onshore Order #2:

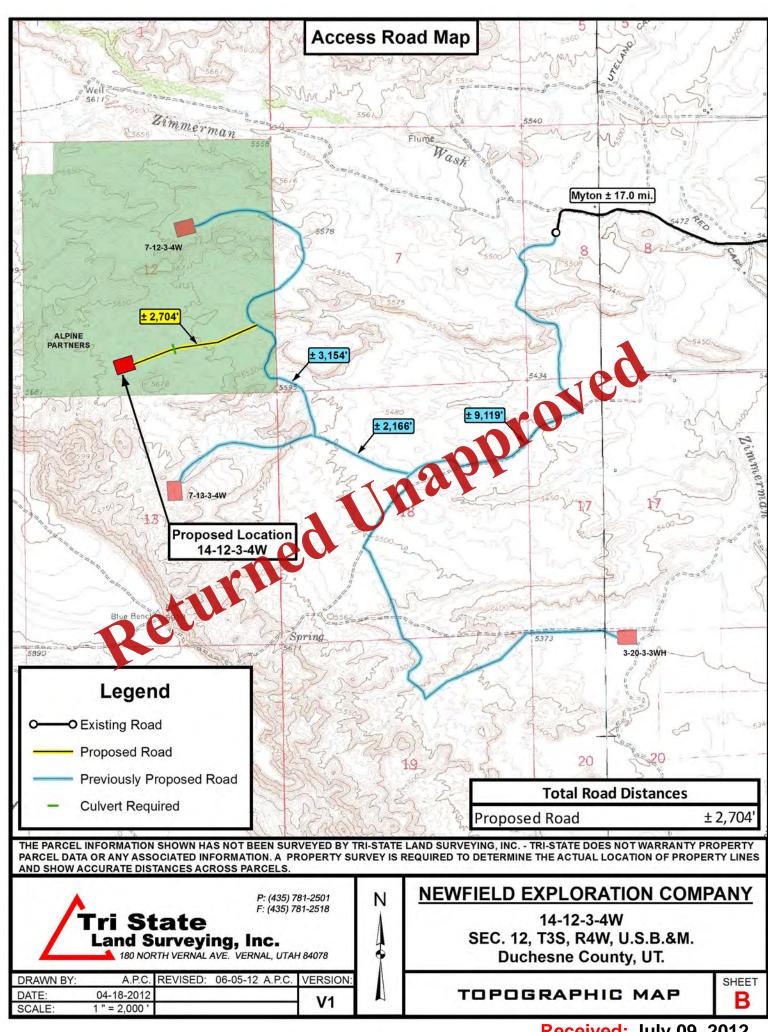
- Variance from Onshoer Order #2 Th.E.1

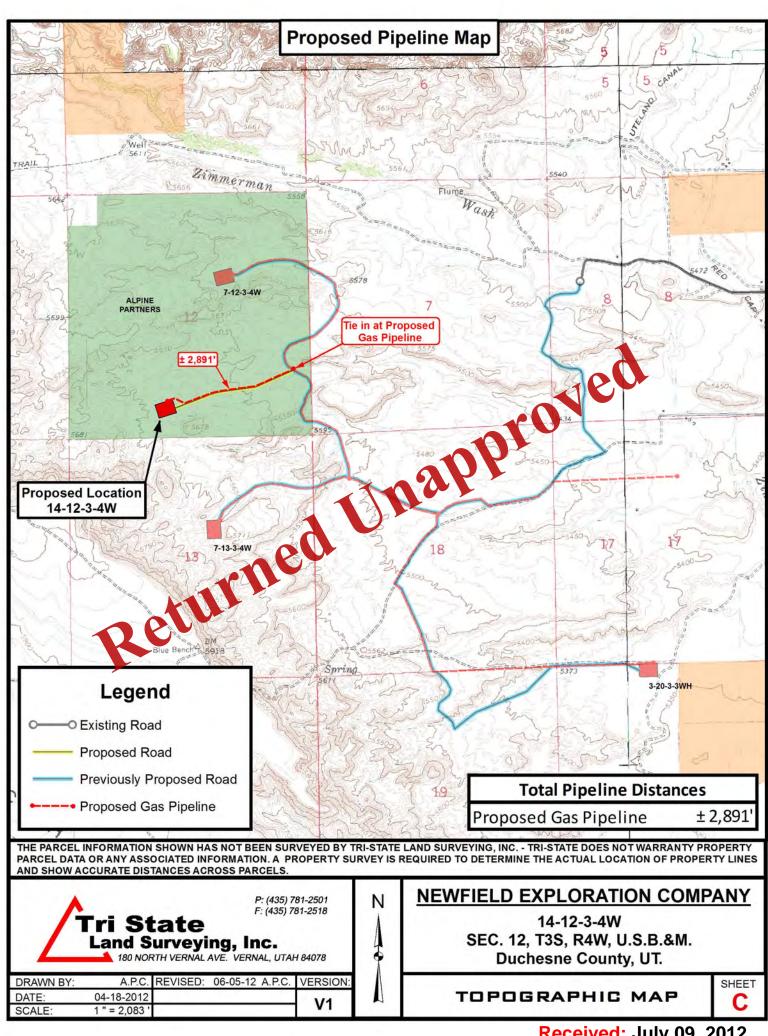
Refer to Newfield Production Company Standard Operating Practices "Ute Tribal

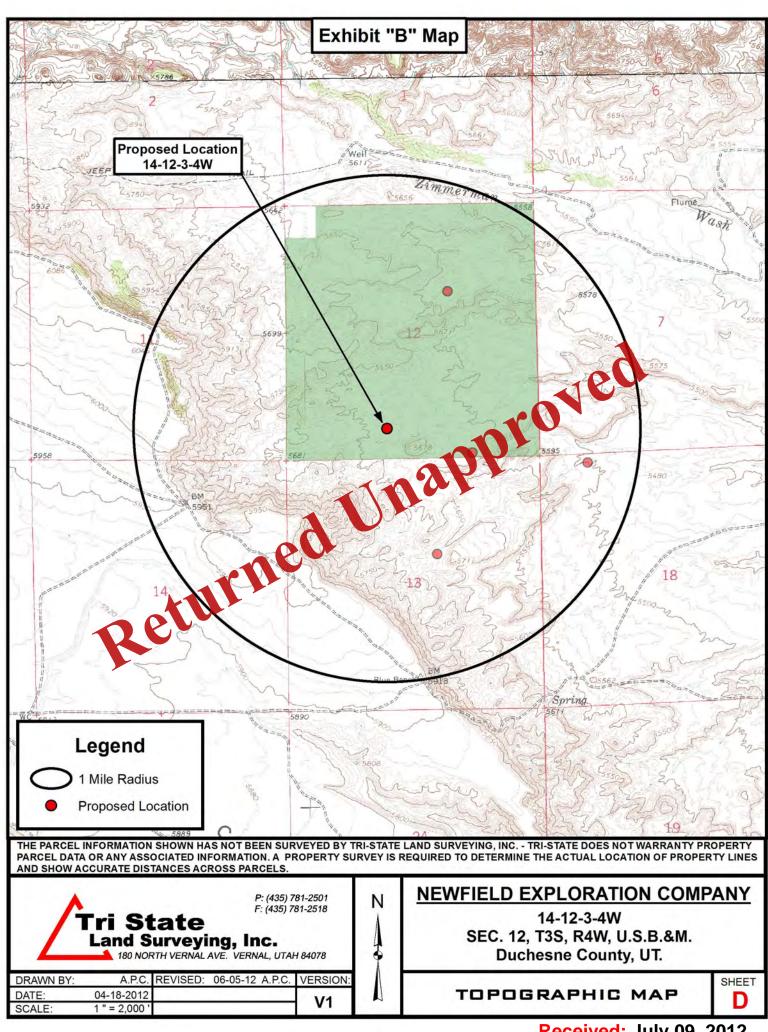
Green River Development Program" paragraph 9.0 Retui











AFFIDAVIT OF SURFACE OWNERSHIP AND SURFACE USE

Laura Smith personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

- 1. My name is Laura Smith. I am a Landman for Newfield RMI LLC ("Newfield RMI"), whose address is 1001 17th Street, Suite 2000, Denver, CO 80202.
- 2. Pursuant to that certain Special Warranty Deed dated June 20, 2012 from Alpine Partners, a Utah General Partnership, to Newfield RMI, recorded in Book A649, Page 533, and Document # 446789 of the official records of Duchesne County, Utah. Newfield RMI is the surface owner of the lands described on the attached Exhibit "B".
- 3. Newfield Production Company, whose address is 1001 17th Street, Suite 2000, Denver, CO 80202, is the Operator of the proposed wells listed on Exhibit "A".
- 4. Newfield Production Company has the right to construct and operate the necessary easements, rights-of-way, drillsites and wells that are located on the lands described on the attached Exhibit "B".

FURTHER AFFIANT SAYETH NOT.

Laura Smith, Landman

ACKNOWLEDGEMENT

STATE OF COLORADO CITY AND COUNTY OF DENVER

§

arned Unappr Before me, a Notary Public, in and for the States on this 27th day of June, 2012, personally appeared Laura Smith, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that she executed the same as her own free and voluntary act and deed for the uses and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires:

PETER BURNS NOTARY PUBLIC STATE OF COLORADO My Commission Expires 8/09/2015

Exhibit "A"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 27th day of June, 2012.

The Wells included in the Affidavit of Surface Ownership and Surface Use are further described as follows:

Legrand 14-32-2-3W

Drillsite located in the SESW of Section 32, Township 2 South, Range 3 West, Duchesne County, Utah.

Holgate 11-5-3-3W

Drillsite located in the <u>NESW</u> of Section 5, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 1-13-3-4WH

Drillsite located in the SWSE of Section 12, Township 3 South, Range 4 West, with a wellbore point of entry in the NENE of Section 13, Township 3 South, Range 4 West and a bottom hole location in the SESE of Section 13, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 2-5-3-3WH

Drillsite located in both the SWSE of Section 32, Township 2 South, Range 3 West and the NWNE of Section 5, Township 3 South, Range 3 West, with a bottom hole location in the SWSE of Section 5, Township 3 South, Range 3 West, Duchesne County, Utah.

UT 4-13-3-4WH

Drillsite located in both the <u>SESW</u> of Section 12, Township 3 South, Range 4 West and the <u>NENW</u> of Section 13, Township 3 South, Range 4 West, with a well bore point of entry in the NWNW of Section 13, Township 3 South, Range 4 West and a bottom hole location in the SWSW of Section 13, Township 3 South, Range 4 West, Duchesne County, Utah.

UT 7-12-3-4W

Drillsite located in the <u>SWNE</u> of Section <u>12</u>, Township <u>3</u> South, Range <u>4</u> West, Duchesne County, Utah.

UT 7-13-3-4W

Drillsite located in the <u>SWNE</u> of Section <u>13</u>, Township <u>3</u> South, Range <u>4</u> West, Duchesne County, Utah.

UT 7-18-3-3W

Drillsite located in the <u>SWNE</u> of Section <u>18</u>, Township <u>3</u> South, Range <u>3</u> West, Duchesne County, Utah.

UT 14-18-3-3W
Drillsite located in the SESW of Section 18, Township 3 South, Range 3 West, Duchesna County, Utah.

Exhibit "B"

Attached to and made a part of that certain Affidavit of Surface Ownership and Surface Use dated this 27th day of June, 2012.

The Lands included in the Affidavit of Surface Ownership are further described as follows:

The "Lands"

Township 2 South, Range 3 West (980.00 acres)

Section 29: S½SW, NESW

Section 31: S½, S½NE

Section 32: W½, SWNE, W½SE, S½SESE

Township 2 South, Range 4 West (740.00 acres)

Section 34: S½SESW, SE

Section 35: S½, NE

Section 36: S½SW

Township 3 South, Range 3 West (2,277.87 acres)

Section 5: N½NE, NW, N½SW, SWSW, W½SESW

Section 6: All

Section 7: All

Section 8: W½W½SW, N½NW, Beginning at the West quarter corner of said Section 8; thence North 0°38'46" West 1,318.41 feet to the Northwest corner of the South half of the Northwest quarter; thence North 88°13'17" East 2,650.54 feet, to the Northeast quarter of the South half of the Northwest quarter; thence South 0°55'29" East 662.49 feet, to the Southeast corner of the Northeast quarter of the Southeast quarter of the Northwest quarter; thence North 85°22' West 1,871.00 feet; thence South 11°25' West 605.62 feet; thence South 0°41'34" East 276.77 feet to the Southeast corner of the Southwest quarter of the Southwest quarter; thence South 88°21'56" West 664.21 feet, to the point of beginning.

Section 17: N½NWNW, SWNWNW

Section 18: NENW, NE, E½SE, E½SW, E½NWSW, S½NW

Township 3 South, Range 4 West (2,680.36 acres)

Section 1: N½N½, SENW, S½NE, SE, SESW

Section 2: All

Section 3: N½N½, SENW, S½NE, NWSE, N½NESE

Section 11: N½NW, NE, SENW

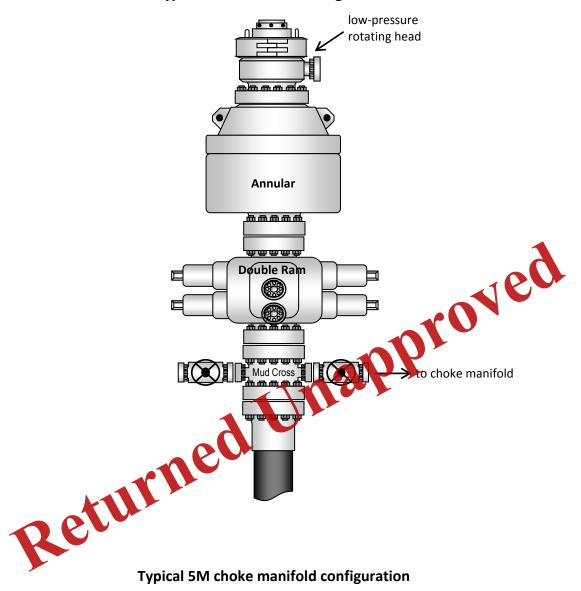
Section 12: All

LESS AND EXCEPT that certain tract of land referred to as the "Oil Pond" consisting of approximately 24.17 acres m/l, and further described as follows:

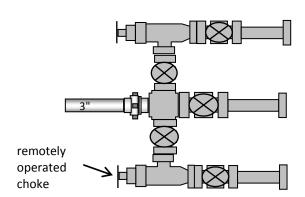
Commencing at the Southeast corner of Section 7, Township 3 South Range 3 West of the Uintah Special Base and Meridian; thence North 0°36'34"West 172 05 feet along the East line of said section; thence West 159.51 feet to the True point of teginning; thence running South 8°57'49" West 758.59 feet; thence South 87°13'2" Vot 479.90 feet; thence North 48°33'06" West 398.50 feet; thence South 82°5023 Vest 221.82 feet; thence North 49°00'01" West 06.00 feet; thence North 45°33'40" East 727.75 feet; 358.70 feet; thence North 49°50'42" Ea thence South 61°36'00" East 830.71 feet the True point of beginning.

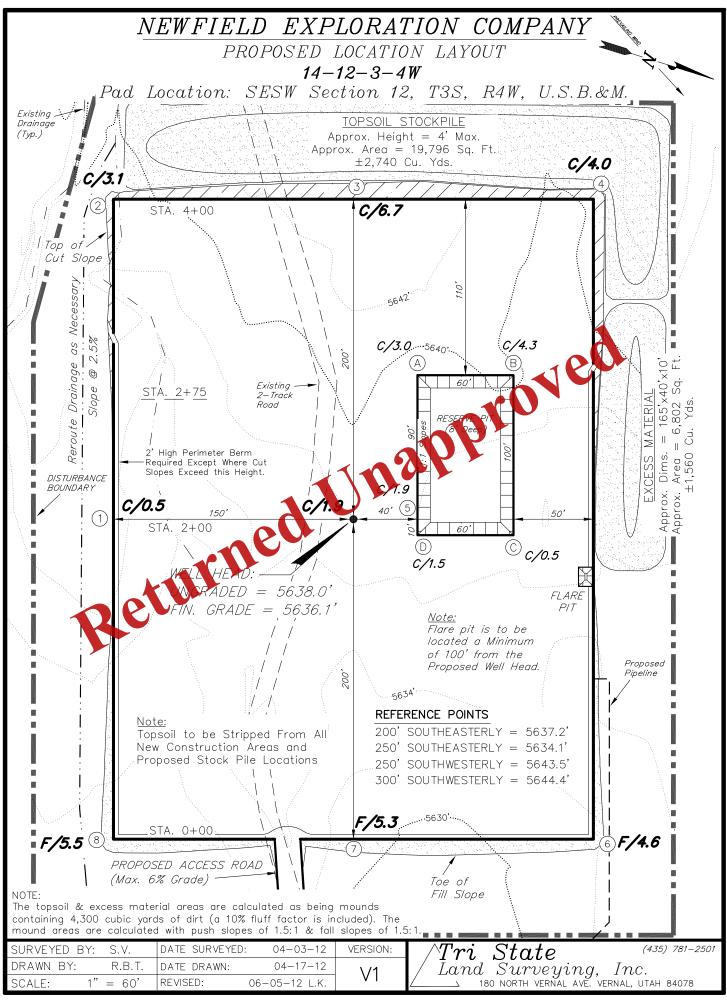
Covering approximately 6,678.23 acres of land, more or less, in Duchesne County, Utah.

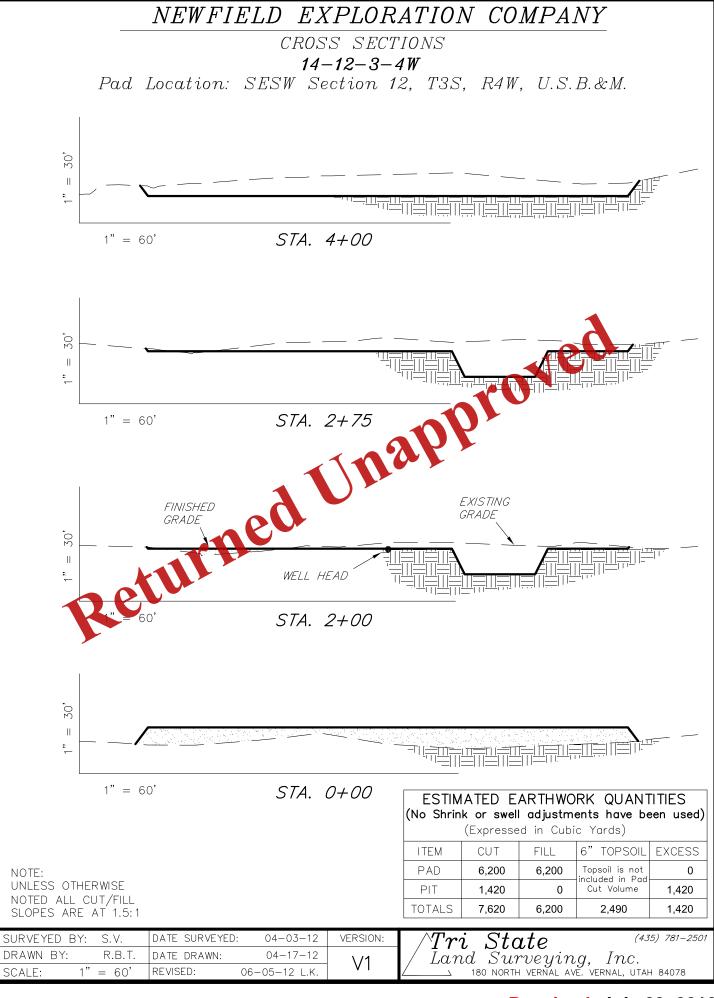
Typical 5M BOP stack configuration

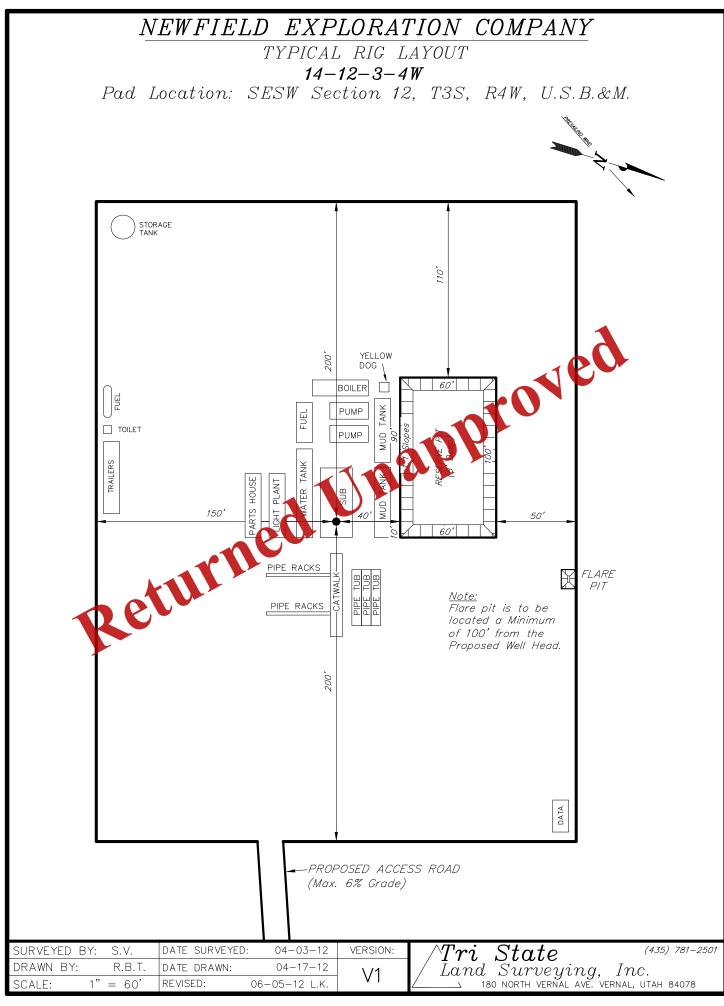


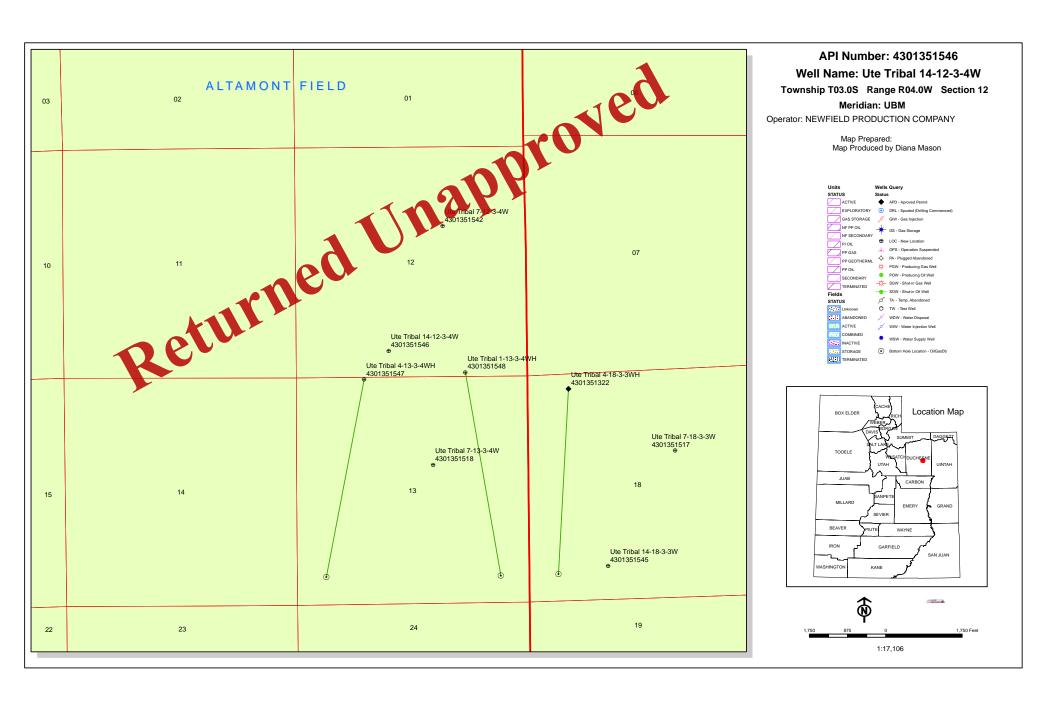
Typical 5M choke manifold configuration

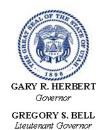












State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

December 07, 2012

NEWFIELD PRODUCTION COMPANY Rt 3 Box 3630 Myton, UT 84052

Re: Application for Permit to Drill - DUCHESNE County, Utah

Ladies and Gentlemen:

The Application for Permit to Drill (APD) for the Ute Tribal 14-12-3-4W well, API 43013515460000 that was submitted July 09, 2012 is being returned unapproved. If you plan on drilling this well in the future, you must first submit a new application.

Should you have any questions regarding this matter, please call me at (801) 538-5312.

Sincerely,

Diana Mason Environmental Scientist

Enclosure

cc: Bureau of Land Management, Vernal, Utah

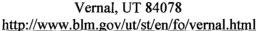




United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Green River District Vernal Field Office 170 South 500 East Vernal, UT 84078



December 17, 2012

IN REPLY REFER TO: 3160 (UTG011)

Candice Kowalski Newfield Production Company 1001 17th Street, Suite 2000 Denver, CO 80202 43 013 51546

Re:

Request to Return APD

Well No. Ute Tribal 14-12-3-4W SESW, Sec. 12, T3S, R4W Duchesne County, Utah Lease No. 1420H626388

Dear Ms. Kowalski:

The Application for Permit to Drill (APD) for the above referenced well received in this office on July 5, 2012 is being returned unapproved per your request to this office in an email message to Legal Instruments Examiner Robin R. Hansen received on November 29, 2012. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

Jerry Kenczka

Assistant Field Manager
Lands & Mineral Resources

Enclosures

CC:

UDOGM

BIA

Don Hamilton

RECEIVED

JAN 0 7 2013

DIV. OF OIL, GAS & MINING